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DVR-A07

DVD-R/RW, DVD+R/RW CD-R/RW Writer

Product Overview

OVERVIEW

The DVR-A07 is Pioneer's first 8x8 dual format writer, meaning it is capable of writing at 8x speed on DVD-R discs whose standard is being ratified in the DVD Forum and +R discs that are designed for this recording speed. The new drive also records high-speed DVD-RW and +RW discs at up to 4x speed, and CD-R and CD-RW discs at up to 24x speed. By supporting the DVD Forum's DVD-R and DVD-RW disc formats as well as the +R and +RW formats, Pioneer is helping to eliminate format confusion, which has become a growing problem for potential buyers.

Pioneer engineers focused on improving the writing/recording quality and reliability for high-speed writing. New technology accommodates for variances in blank media. Some of the technological advancements include:

- Pioneer-developed **Liquid Crystal Control System** for precise recording onto the surface of discs that may be warped or of uneven thickness.
- **Smart Laser Driver** to provide a precise laser pulse control and achieve more reliable recording for high-speed writing.
- **Precision Recording Technology**, which utilizes an auto-adjustable writing technique to enable recording under the best conditions for each disc characteristic at all times. This technology, first introduced in the DVR-A06, enables the DVR-A07 to achieve optimal initial writing performance and helps to minimize the normal deterioration of re-recordable discs due to repeated writing. As a result, the quality for repeatedly used DVD-RW discs is up to 10 times better than previous writers.
- A **Defect Management System** that enhances the writing reliability further, while maintaining read compatibility with other DVD-ROM drives, DVD players and DVD recorders.
- An **Ultra Dynamic Resonance Absorber** that reduces vibrations that can affect performance during high-speed recording and playback of some discs. With this feature, the high precision servo system remains stable during both high-speed recording and playback.

The DVR-A07 will also include an extensive collection of software applications for video authoring, editing, DVD slide show creation, and data recording. With its low cost and compact design, Pioneer's DVR-A07 multiple format DVD/CD writer targets digital video editing and archiving as its "killer application" as well as traditional data and digital image storage applications.

Main Features of the Pioneer DVR-A07 Multiple DVD/CD Writer

Writes
- **DVD-R 4.7GB, DVD-RW 4.7GB, DVD+R 4.7GB, DVD+RW 4.7GB**
- **CD-R 700MB (Type 80), CD-R 650MB (Type 74), CD-RW, High Speed CD-RW**

Reads
- **DVD-ROM & DVD-Video (Single & Dual Layer)**
- **DVD-R, DVD-RW, DVD+R, DVD+RW, DVD-RAM**
- **CD-ROM Mode 1, CD-ROM XA Mode 2 (Form1, Form2)**
- **CD-DA CD-EXTRA (CD Plus), Video CD, Photo-CD (Single or Multi-session)**
- **CD-Text, CD-R, CD-RW**

Write Speed
- **DVD-R: 8X Z-CLV(8X-DVD-R media), 6X(8X DVD-R media), 4X (4X DVD-R media), 2X, 1X**
- **DVD-RW: 4X(4X-DVD-RW media), 2X (2X DVD-RW media), 1X**
- **DVD+R: 8X Z-CLV(8X DVD+R media), 6X(8X DVD+R media), 4X (4X DVD+R media), 2.4X**
- **DVD+RW: 4X(4X DVD+RW media), 2.4X**
- **CD-R: 24X Z-CLV, 16X, 8X, 4X**
- **CD-RW: 24X Z-CLV(Ultra-Speed CD-RW media), 16X(Ultra-Speed CD-RW media), 10X (High- Speed CD-RW media), 4X**

Read Speed
- **DVD-ROM (Single): Max 12X CAV**
- **DVD-ROM (Dual): Max 8X CAV**
- **DVD-R, DVD-RW: Max 8X CAV**
- **DVD+R, DVD+RW: Max 8X CAV**
- **DVD-RAM: 2X CLV**
- **DVD-Video: 2X CLV**
- **CD-ROM: Max 40X CAV (Mode 1)**
- **CD-R, CD-RW: Max 32X CAV**
- **CD-DA (DAE): Max 40X CAV**
- **CD Audio: Max 9.3X CAV**

Interface
ATAPI (PIO Mode4/Multi Word DMA Mode2), Ultra DMA 33 (Ultra DMA Mode2)

AUDIO INTERFACE **Analog out**

DATA BUFFER **2 MB**

MOUNTING ORIENTATION **Horizontal and Vertical**

Suggested Price & Availability

MSRP TBA